

ART 34 AMDT

CLAIMS

1. (Amended) A catheter which includes a tip end portion which is formed of a single-pipe tube and is to be implanted in an abdominal cavity and a projection portion which is projected outside from an abdomen outer wall, and in which a plurality of through-hole rows, which are made up of pluralities of through-holes for draining formed to penetrate a side wall of the single-pipe tube and to be separated by a predetermined interval along an axial direction of the single-pipe tube, are formed at the tip end portion,

wherein one groove, corresponded to each of said through-hole rows, which communicates a plurality of said through-holes for draining at side surfaces of said through-holes for draining along a direction in which said through-hole row extends and is narrower than a diameter of said through-holes for draining, is formed only at an outer peripheral surface of said tip end.

2. (Amended) A catheter which includes a tip end portion which is formed of a single-pipe tube and is to be implanted in an abdominal cavity and a projection portion which is projected outside from an abdomen outer wall, and in which a plurality of through-holes for draining that penetrate a side wall at said tip end portion are formed,

wherein a helical groove which communicates a plurality of said through-holes for draining at side surfaces of said through-

holes for draining and is narrower than a diameter of said through-holes for draining is formed only at an outer peripheral surface of said tip end portion.

Sub
a2 } 3. The catheter of Claim 1 or 2, further comprising a cuff for fixing said catheter to an abdominal portion.

4. The catheter of any one of Claims 1 through 3, wherein said groove is formed along an entire length of said tip end portion.

5. The catheter of any one of Claims 1 through 4, wherein width of said groove is 0.1 mm to 0.8 mm.

6. The catheter of any one of Claims 1 through 5, wherein said through-holes for draining are side holes.

7. The catheter of any one of Claims 1 through 6, wherein said groove is a slit which is not closed even by soft tissue of an intraperitoneal organ.

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